(20)

STN Search

Connecting via Winsock to STN

48
49

Welcome to STN International! Enter x:x

LOGINID:ssspta1626gms

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 32	Nov 18	DKILIT has been renamed APOLLIT
NEWS 33	Nov 25	More calculated properties added to REGISTRY
NEWS 34	Dec 02	TIBKAT will be removed from STN
NEWS 35	Dec 04	CSA files on STN
NEWS 36	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 37	Dec 17	TOXCENTER enhanced with additional content
NEWS 38	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 39	Dec 30	ISMEC no longer available

NEWS EXPRESS December 31 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),

Golam Shameem

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                AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
 NEWS HOURS     STN Operating Hours Plus Help Desk Availability
 NEWS INTER     General Internet Information
 NEWS LOGIN     Welcome Banner and News Items
 NEWS PHONE     Direct Dial and Telecommunication Network Access to STN
 NEWS WWW       CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:13:59 ON 03 JAN 2003

=> FIL REGISTRY
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 12:14:11 ON 03 JAN 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    2 JAN 2003  HIGHEST RN 478001-04-6
DICTIONARY FILE UPDATES:   2 JAN 2003  HIGHEST RN 478001-04-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09889106.str

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
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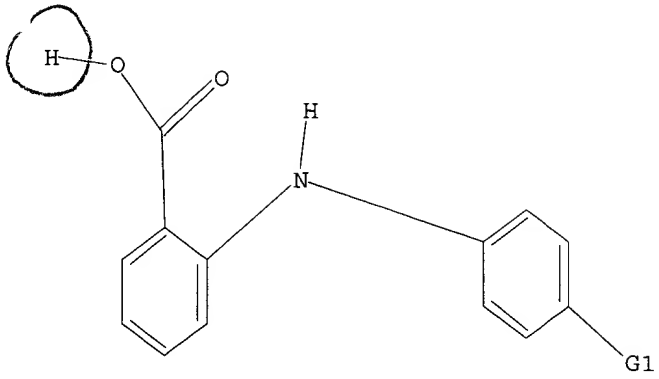

G1 O,S

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 12:14:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     56 TO ITERATE

100.0% PROCESSED      56 ITERATIONS                          13 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          672 TO     1568
PROJECTED ANSWERS:              44 TO      476

L2            13 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 12:14:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    995 TO ITERATE

100.0% PROCESSED     995 ITERATIONS                         218 ANSWERS
SEARCH TIME: 00.00.01

L3           218 SEA SSS FUL L1

=> FIL CAPLUS
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             148.15     148.36

FILE 'CAPLUS' ENTERED AT 12:14:54 ON 03 JAN 2003
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FILE COVERS 1907 - 3 Jan 2003 VOL 138 ISS 2
FILE LAST UPDATED: 2 Jan 2003 (20030102/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3
L4 239 L3

=> FIL REGISTRY
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.75	152.11

FILE 'REGISTRY' ENTERED AT 12:20:23 ON 03 JAN 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JAN 2003 HIGHEST RN 478001-04-6
DICTIONARY FILE UPDATES: 2 JAN 2003 HIGHEST RN 478001-04-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>
Uploading 09889106a.str

L5 STRUCTURE UPLOADED

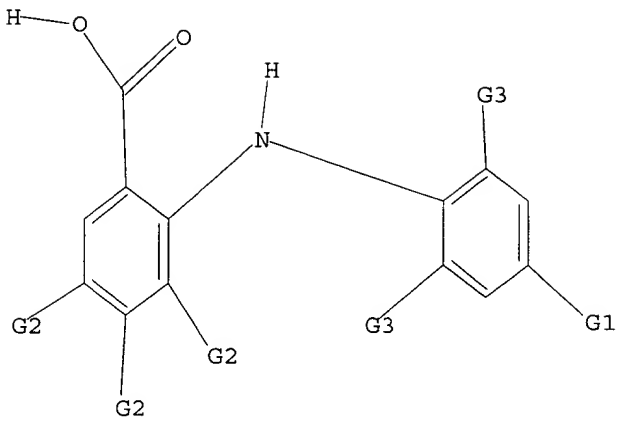
=> d l5
L5 HAS NO ANSWERS
L5 STR

L5 L4 PYC1999

L6 L5 and P/dt

L6 and US/PC

Palmer County



G1 O,S

G2 H,Cl,Br,F

G3 H,NO2,X

Structure attributes must be viewed using STN Express query preparation.

```
=> s l5
SAMPLE SEARCH INITIATED 12:20:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     56 TO ITERATE

100.0% PROCESSED      56 ITERATIONS                                6 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          672 TO     1568
PROJECTED ANSWERS:               6 TO      266

L6             6 SEA SSS SAM L5

=> s l5 sss full
FULL SEARCH INITIATED 12:20:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    995 TO ITERATE

100.0% PROCESSED     995 ITERATIONS                               80 ANSWERS
SEARCH TIME: 00.00.01

L7            80 SEA SSS FUL L5

=> FIL CAPLUS
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   148.15     300.26

FILE 'CAPLUS' ENTERED AT 12:21:09 ON 03 JAN 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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```

FILE COVERS 1907 - 3 Jan 2003 VOL 138 ISS 2
FILE LAST UPDATED: 2 Jan 2003 (20030102/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> d his

(FILE 'HOME' ENTERED AT 12:13:59 ON 03 JAN 2003)

FILE 'REGISTRY' ENTERED AT 12:14:11 ON 03 JAN 2003
L1 STRUCTURE UPLOADED
L2 13 S L1
L3 218 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 12:14:54 ON 03 JAN 2003
L4 239 S L3

FILE 'REGISTRY' ENTERED AT 12:20:23 ON 03 JAN 2003
L5 STRUCTURE UPLOADED
L6 6 S L5
L7 80 S L5 SSS FULL

FILE 'CAPLUS' ENTERED AT 12:21:09 ON 03 JAN 2003

=> s l7
L8 136 L7

=> s l8/thu
FIELD CODES CANNOT BE CHANGED HERE
You may have tried to apply a field code to a term that already has a field code. You can only add a field code to a term that has no field code appended to it.

=> s l7/thu
136 L7
483001 THU/RL
L9 10 L7/THU
(L7 (L) THU/RL)

=> d ibib abs hitstr l9 tot

L9 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:63820 CAPLUS
DOCUMENT NUMBER: 134:131318

Golam Shameem

TITLE: Preparation of (phenylamino)benzenesulfonamides and (phenylamino)benzamides as MEK inhibitors for the treatment of chronic pain

INVENTOR(S): Bridges, Alexander James; Booth, Richard John; Tecle, Haile; Scaggs, Yvonne; Kaufman, Michael; Barrett, Stephen Douglas; Dixon, Alistair; Lee, Kevin; Pinnock, Robert Denham

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 158 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001005393	A2	20010125	WO 2000-US18348	20000705
WO 2001005393	A3	20010510		

W: AE, AG, AL, AU, BA, BB, BG, BR, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1202724	A2	20020508	EP 2000-945140	20000705

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL

PRIORITY APPLN. INFO.:

US 1999-144280P	P	19990716
US 1999-144320P	P	19990716
US 1999-144419P	P	19990716
US 1999-144655P	P	19990716
US 1999-144658P	P	19990716
US 1999-144659P	P	19990716
WO 2000-US18348	W	20000705

OTHER SOURCE(S): MARPAT 134:131318

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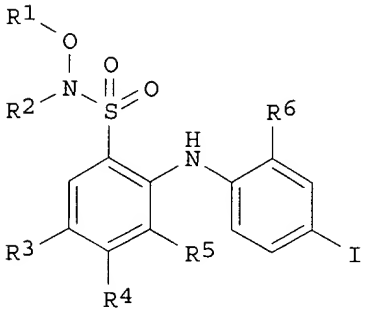
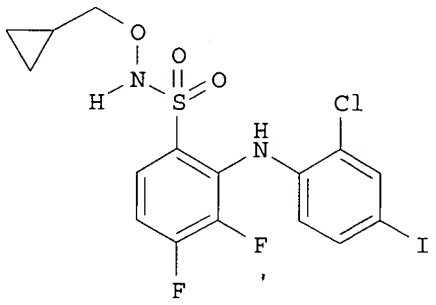


I



II

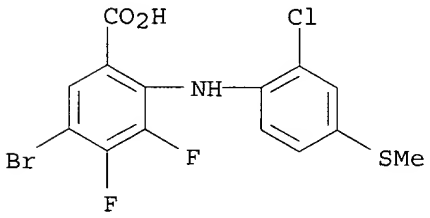
AB The title compds. (I) [wherein R1 = H, (phenyl)alkyl, (phenyl)alkenyl, (phenyl)alkynyl, cycloalkyl, Ph, cycloalkylalkyl, cycloalkylalkenyl, cycloalkylalkynyl, heterocyclyl, heterocyclylalkyl, heterocyclylalkenyl, heterocyclylalkynyl, alkoxylalkyl, phenoxyalkyl, (un)substituted

Golam Shameem

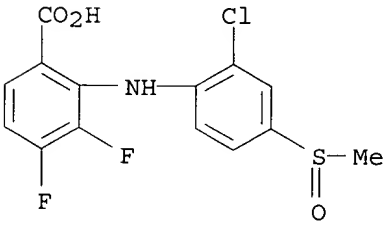
aminoalkyl, piperidinoalkyl, morpholinoalkyl, or alkylpiperazinoalkyl; R2 = H, (cyclo)alkyl, Ph, heterocyclyl, or cycloalkylmethyl; R3 and R4 = independently H, F, NO2, Br, or Cl; R5 = H or F; R6 = H, F, Cl, or Me] were prepd. for the treatment of chronic pain. For example, 2,3,4-trifluorobenzenesulfonyl chloride was amidated O-cyclopropylmethylhydroxylamine.bul.HCl in CH2Cl2 using diisopropylethylamine (68%). Coupling with 2-chloro-4-iodoaniline in THF in the presence of Li bis(trimethylsilyl)amide afforded PD 297447 (II) in 73% yield. The APK IC50 for PD 297447 was 0.965 .mu.M. Intrathecally administered II (30.mu.g) showed no significant effect on allodynia in the CCI model of neuropathic pain in rats, perhaps due to low affinity or soly. of the compd. However, related MEK inhibitors with higher affinities exerted an antiallodynic effect in CCI-induced neuropathic rats.

IT **283601-81-0P**, 5-Bromo-2-(2-chloro-4-methylsulfanylphenylamino)-3,4-difluorobenzoic acid **283601-82-1P**, 2-(2-Chloro-4-methanesulfinylphenylamino)-3,4-difluorobenzoic acid **283601-83-2P**, 2-(2-Chloro-4-methanesulfonylphenylamino)-3,4,5-trifluorobenzoic acid **283601-84-3P 283601-85-4P**, 5-Bromo-2-(2-chloro-4-methanesulfonylphenylamino)-3,4-difluorobenzoic acid **283601-86-5P**, 2-(2-Chloro-4-methanesulfonylphenylamino)-3,4-difluorobenzoic acid
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of (phenylamino)benzenesulfonamides and (phenylamino)benzamides as MEK inhibitors for treatment of chronic pain)

RN 283601-81-0 CAPLUS
CN Benzoic acid, 5-bromo-2-[[2-chloro-4-(methylthio)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



RN 283601-82-1 CAPLUS
CN Benzoic acid, 2-[[2-chloro-4-(methylsulfinyl)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



RN 283601-83-2 CAPLUS
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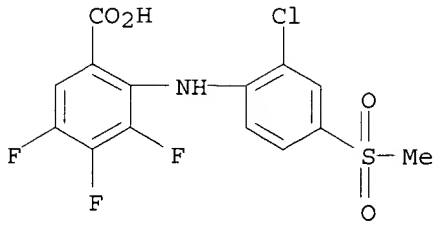

RN 283601-84-3 CAPLUS
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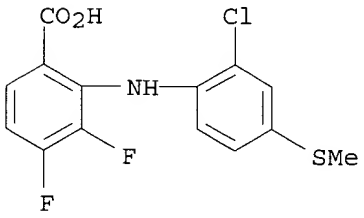

RN 283601-85-4 CAPLUS
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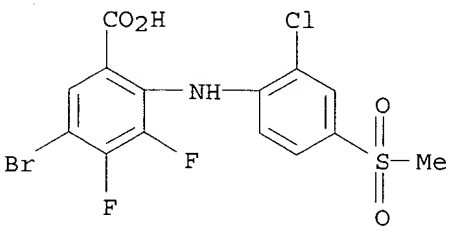
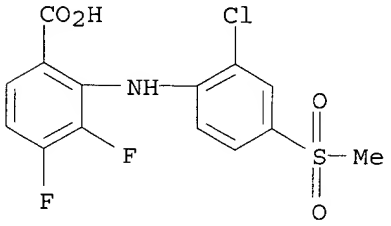


RN 283601-86-5 CAPLUS
CN Benzoic acid, 2-[[2-chloro-4-(methylsulfonyl)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



L9 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:493286 CAPLUS
DOCUMENT NUMBER: 133:104874

Golam Shameem

TITLE: Preparation of arylaminobenzoates and related compounds as MEK inhibitors.

INVENTOR(S): Tecle, Haile; Barrett, Stephen Douglas

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

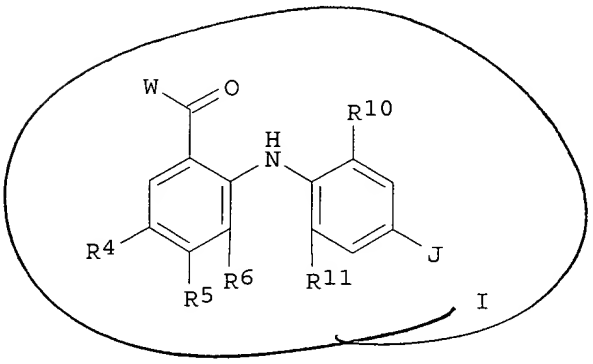
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000041505	A2	20000720	WO 1999-US30491	19991221
WO 2000041505	A3	20001019		
W: AE, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2000212141	A2	20000802	JP 1999-53610	19990302
EP 1150950	A2	20011107	EP 1999-968160	19991221
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 9916857	A	20011204	BR 1999-16857	19991221
JP 2002534446	T2	20021015	JP 2000-593128	19991221

PRIORITY APPLN. INFO.:
US 1999-115876P P 19990113
US 1999-122583P P 19990302
WO 1999-US30491 W 19991221

OTHER SOURCE(S): MARPAT 133:104874

GI

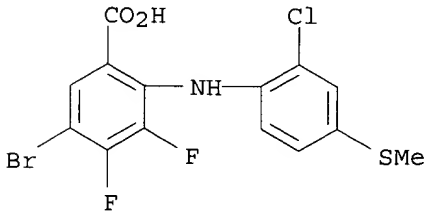


AB Title compds. [I; W = OR1, NR2OR1, NRaRb, etc.; R1 = alkyl, alkenyl, alkynyl, cycloalkyl, Ph, etc.; R2 = H, Ph, alkyl, alkynyl, cycloalkyl, cycloalkylalkyl; Ra = H, alkyl, alkenyl, alkynyl, cycloalkyl, Ph, etc.; Rb = H, alkyl, alkenyl, alkynyl, cycloalkyl, Ph; J = SRc, ORc, SO2Rc, SORc, alkyl, alkenyl, alkynyl, cycloalkyl, etc.; Rc = H, alkyl, alkenyl, alkynyl, cycloalkyl, heterocyclyl, etc.; R4-R6 = H, Cl, F, Br; R10 = H, alkyl, halo, NO2, aminosulfonyl; R11 = H, halo, NO2], were prepd. for treatment of proliferative disease (no data). Thus, 2-chloro-4-iodoaniline in THF at -78.degree. was treated with LiN(SiMe3)2 in THF followed by addn. of lithiated N-cyclopropylmethoxy-2,3,4-trifluorobenzenesulfonamide (prepn. given) in THF and stirring for 1 h in the absence of cooling to give 2-(2-chloro-4-iodophenylamino)-N-cyclopropylmethoxy-3,4-difluorobenzenesulfonamide.

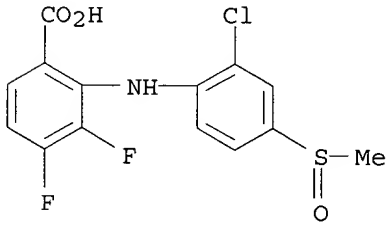
Golam Shameem

IT **283601-81-0P 283601-82-1P 283601-83-2P**
283601-84-3P 283601-85-4P 283601-86-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of arylaminobenzoates and related compds. as MEK inhibitors)

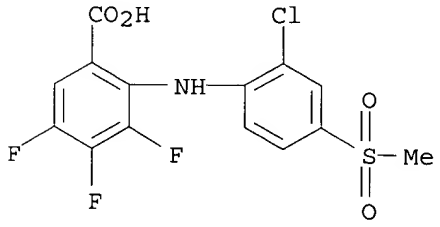
RN 283601-81-0 CAPLUS
CN Benzoic acid, 5-bromo-2-[[2-chloro-4-(methylthio)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



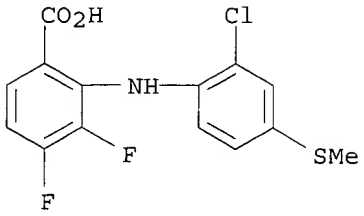
RN 283601-82-1 CAPLUS
CN Benzoic acid, 2-[[2-chloro-4-(methylsulfinyl)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



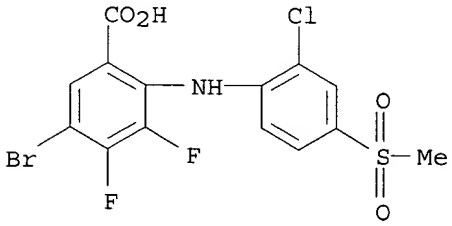
RN 283601-83-2 CAPLUS
CN Benzoic acid, 2-[[2-chloro-4-(methylsulfonyl)phenyl]amino]-3,4,5-trifluoro- (9CI) (CA INDEX NAME)



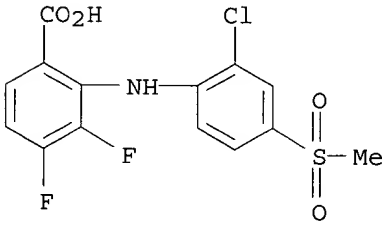
RN 283601-84-3 CAPLUS
CN Benzoic acid, 2-[[2-chloro-4-(methylthio)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



RN 283601-85-4 CAPLUS
CN Benzoic acid, 5-bromo-2-[[2-chloro-4-(methylsulfonyl)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



RN 283601-86-5 CAPLUS
CN Benzoic acid, 2-[[2-chloro-4-(methylsulfonyl)phenyl]amino]-3,4-difluoro- (9CI) (CA INDEX NAME)



L9 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:264633 CAPLUS
DOCUMENT NUMBER: 122:55722
TITLE: Preparation of 4-anilino-2,6-di-tert-butylphenols as allergy inhibitors.
INVENTOR(S): Scherrer, Robert A.
PATENT ASSIGNEE(S): Riker Laboratories, Inc., USA
SOURCE: U.S., 15 pp. Cont.-in-part of U.S. Ser. No. 757,358.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5347036	A	19940913	US 1993-67636	19930526
ZA 8605090	A	19880224	ZA 1986-5090	19860708

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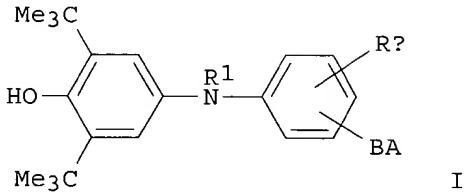
IL 79376	A1	19910512	IL 1986-79376	19860709
IL 94750	A1	19910512	IL 1986-94750	19860709
IL 94751	A1	19910512	IL 1986-94751	19860709
AU 8660085	A1	19870129	AU 1986-60085	19860711
AU 585626	B2	19890622		
DK 8603447	A	19870123	DK 1986-3447	19860721
DK 170666	B1	19951127		
NO 8602924	A	19870123	NO 1986-2924	19860721
NO 172230	B	19930315		
NO 172230	C	19930623		
ES 2000368	A6	19880216	ES 1986-457	19860722
JP 63045243	A2	19880226	JP 1986-172657	19860722
JP 06067884	B4	19940831		
CA 1283419	A1	19910423	CA 1986-514378	19860722
CA 1295336	A2	19920204	CA 1990-615810	19900808
CA 1295337	A2	19920204	CA 1990-615811	19900808
CA 1333618	A1	19941220	CA 1990-615812	19900808
US 5237070	A	19930817	US 1991-701676	19910516
JP 07053485	A2	19950228	JP 1994-41142	19940311
JP 2515486	B2	19960710		
US 5416113	A	19950516	US 1994-263390	19940622
US 5495043	A	19960227	US 1995-435585	19950505
US 5498745	A	19960312	US 1995-435582	19950505
US 5527824	A	19960618	US 1995-437143	19950505

PRIORITY APPLN. INFO.:

US 1985-757358	19850722
US 1986-879365	19860627
IL 1986-79376	19860709
CA 1986-514378	19860722
US 1993-67636	19930526
US 1994-263390	19940622

OTHER SOURCE(S): MARPAT 122:55722

GI



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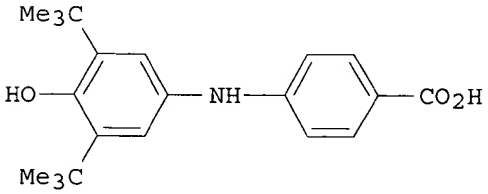


II

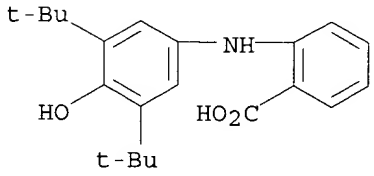
AB Title compds. [I; R = H, alkyl, alkoxy, alkylthio, halo, amino, acyamido, OH; n = 0-2; R1 = H, alkyl, Ac, F3CCO; A = CO2H, (N-methyl)tetrazolyl, CONHSO2CF3; B = bond, (O- or S-interrupted) alkylene, alkenylene, CONHCH2; with provisos], and esters and salts thereof, were prepd. Thus, 2,6-di(tert-butyl)-p-benzoquinone, 4-aminobenzoic acid, and BF3.Et2O were heated in THF to give the monoimine deriv., which was hydrogenated in EtOH over Pd/C to give title compd. II. I showed ED40 .ltoreq.40 mg/kg i.p. in ovalbumin-induced bronchoconstriction in guinea pigs. I were relatively

inactive against cyclooxygenase; some of the imine intermediates showed antiallergic activity.

IT **107858-23-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of 4-anilino-2,6-di-tert-butylphenols as allergy inhibitors)

RN 107858-23-1 CAPLUS

CN Benzoic acid, 2-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]amino]- (9CI) (CA INDEX NAME)



L9 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1993:233895 CAPLUS

DOCUMENT NUMBER: 118:233895

TITLE: 2-quinolinyl methoxy compounds, medical uses and intermediates therefor

INVENTOR(S): Nielsen, Ole Bent T.; Ahfelt-Ronne, Ian

PATENT ASSIGNEE(S): Leo Pharmaceutical Products Ltd., Den.

SOURCE: U.S., 23 pp. Cont.-in-part of U.S. 5,109,009.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

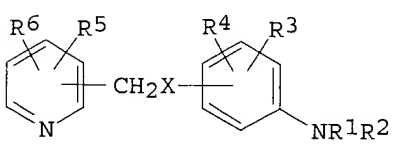
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5157039	A	19921020	US 1990-633390	19901231
US 4826987	A	19890502	US 1986-834542	19860228
US 5109009	A	19920428	US 1990-581121	19900910

PRIORITY APPLN. INFO.:

GB 1985-6094	19850308
GB 1985-25153	19851011
US 1986-834542	19860228
US 1987-140277	19871231
US 1990-581121	19900910

OTHER SOURCE(S): MARPAT 118:233895

GI



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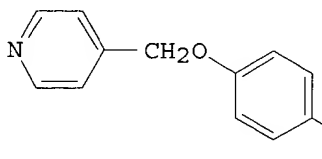


II

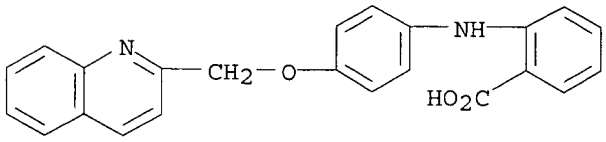
AB The title compds. [I; R1, R2 = H, (un)substituted alkyl, aryl, aralkyl; R3-R6 = H, halo, pseudohalo, cyano, NO2, amino, CO2H, OH, alkyl, alkoxy; R5R6 = atoms required to form condensed, (un)substituted arom. ring; X =

O, S, SO, SO2] were prepd. as arachidonic acid and histamine inhibitors, and drugs. Thus, 4-AcNHC6H4OH was condensed with 4-(chloromethyl)pyridine-HCl to give acetanilide II (R7 = Ac). This was deacetylated and methylated to give II (R7 = Me). At 10 .mu.M selected I gave 51-100% inhibition of antigen-induced histamine release from rat peritoneal mast cells.

IT **146680-14-0P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as drug)

RN 146680-14-0 CAPLUS

CN Benzoic acid, 2-[[4-(2-quinolinylmethoxy)phenyl]amino]- (9CI) (CA INDEX NAME)

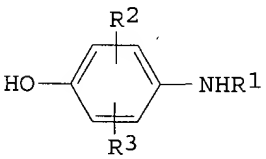


L9 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1989:38739 CAPLUS
DOCUMENT NUMBER: 110:38739
TITLE: Lipoxygenase inhibitors containing p-aminophenol derivatives
INVENTOR(S): Hashimoto, Kinji; Goto, Kyoto; Kanai, Kenichi; Tsuda, Yoshiaki
PATENT ASSIGNEE(S): Otsuka Pharmaceutical Factory, Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 35 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63185924	A2	19880801	JP 1987-18929	19870128

PRIORITY APPLN. INFO.: JP 1987-18929 19870128
OTHER SOURCE(S): MARPAT 110:38739
GI



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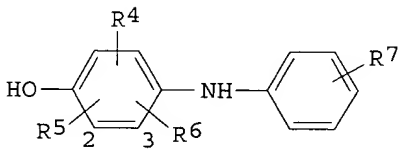


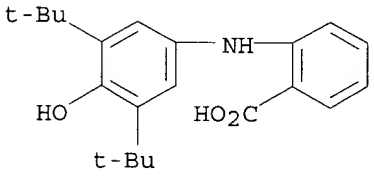
II

AB The title compds. [I, II; R1 = Ph with optional carboxyl, cyano, carbamoyl, NO2, amino, halo, etc.; R2 - R5 = C1-6 alkyl; R6 = H, C1-6 alkyl; R5R6 = 2,3-(CH2)4; R7 = H, (substituted) C1-6 alkyl, (substituted) Ph, C1-6 alkylsulfonyl, etc.], useful as lipoxygenase inhibitors, are

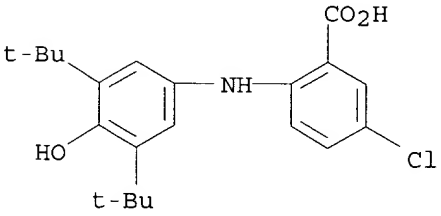
prepd. A mixt. of 2.2 g 2,6-di-tert-butyl-1,4-benzoquinone and 3.3 g p-FC6H4NH2 in THF was refluxed 6 h with addn. of Et2OBF3 and the resulting mixt. was mixed with water and stirred 15 min with addn. of aq. Na2S2O4 to give 2 g phenol deriv. II (R4,R5 = 2,6-tert-Bu, R6 = H, R7 = 4-F). Also, p-(p-methoxyphenylamino)phenol salt II (R4-R6 = 2,5,6-Me, R7 = 4-OMe).PhSO3H (III) at 1 .mu.M showed 95% inhibition of 5-HETE formation commenced by injection of 2% casein in guinea pig stomachs. An ointment for lipoxygenase inhibition was formulated by mixing III 2, lanolin 5, honey wax 5, and white vaseline 88 g with heating.

IT **107858-23-1P 110647-69-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as lipoxygenase inhibitor)

RN 107858-23-1 CAPLUS
CN Benzoic acid, 2-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]amino]- (9CI) (CA INDEX NAME)



RN 110647-69-3 CAPLUS
CN Benzoic acid, 2-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]amino]-5-chloro- (9CI) (CA INDEX NAME)



L9 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1983:447640 CAPLUS
DOCUMENT NUMBER: 99:47640
TITLE: Antineoplastic and cytotoxic activity of copper(II) complexes with N-phenylanthranilic acid derivatives
AUTHOR(S): Kriss, E. E.; Garnitskaya, O. G.; Grigor'eva, A. S.; Konakhovich, N. F.; Petrenko, V. S.; Fialkov, Yu. A.
CORPORATE SOURCE: Inst. Fiz. Khim., Kiev, USSR
SOURCE: Khimiko-Farmatsevticheskii Zhurnal (1983), 17(5), 567-71
CODEN: KHFZAN; ISSN: 0023-1134
DOCUMENT TYPE: Journal
LANGUAGE: Russian
GI

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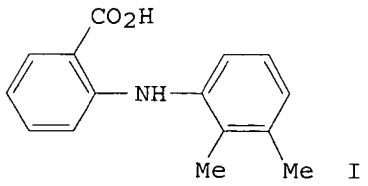


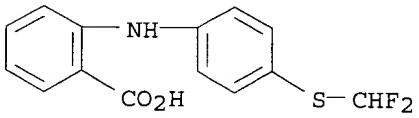
I

AB Complexes of Cu(II) with mefenamic (I), flufenamic (II), N-(3-difluoromethylthiophenylanthranilic (III), and N-(4-difluoromethylthiophenyl)anthranilic (IV) acids were tested for in vitro and in vivo activity in mice against Ehrlich adenocarcinoma and lymphadenosis NK/Ly. In vitro, all complexes showed greater cytotoxic activity than thiotepa, and the relative order was Cu(II)2 [55940-12-0] > Cu(IV)2 [86526-65-0] > Cu(III)2 [86526-66-1] > Cu(I)2 [55940-11-9]. In vivo, i.p. administration of the complexes gave better therapeutic results than did s.c. treatment.

IT **51679-50-6**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)
(neoplasm inhibition by)

RN 51679-50-6 CAPLUS

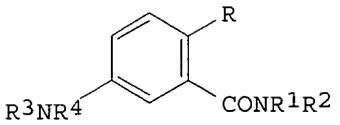
CN Benzoic acid, 2-[[4-[(difluoromethyl)thio]phenyl]amino]- (9CI) (CA INDEX NAME)



L9 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1982:217497 CAPLUS
DOCUMENT NUMBER: 96:217497
TITLE: Analgesic benzamides
PATENT ASSIGNEE(S): Kyoto Pharmaceutical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57007455	A2	19820114	JP 1980-80784	19800613

PRIORITY APPLN. INFO.: JP 1980-80784 19800613
GI



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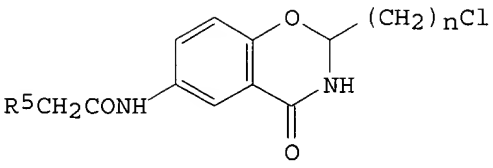


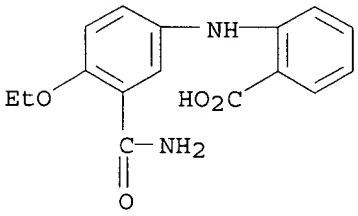
II

AB Seventy-one benzamides, e.g., I (R = OEt, OH, Me, OCH2CH2NEt2, O2CNHMe, etc.; NR1R2 = NH2, NMe2, 4-(2-hydroxyethyl)piperazin-1-yl, NHCH(CO2H)CH2CH2CO2H, 2-thiazolylamino, etc.; R3NR4 = o-HO2CC6H4NH, AcNH, HOCH2CONH, Me2NCH2CONH, Me2NCOCH2NMe, 4-methyl-2,5-dioxopiperazin-1-yl, etc.), and II (R5 = H, Me2N; n = 1,2), having analgesic activity comparable to aminopyrine and low toxicity in mice, were prepd. Thus, 2,5-EtO(O2N)C6H3CO2Me was reduced with Fe-HCl and heated with 28% NH4OH at 100.degree. to give 2,5-EtO(H2N)C6H3CONH2, which (10 g) reacted with 11.2 g o-BrC6H4CO2H, 3.5 powd. Cu, and 7.7 g K2CO3 in amyl alc. for 6 h to give 5.2 g I (R = OEt, NR1R2 = NH2, R3NR4 = o-HO2CC6H4NH).

IT **81930-15-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. and analgesic activity of)

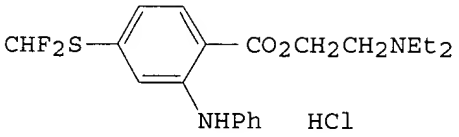
RN 81930-15-6 CAPLUS

CN Benzoic acid, 2-[[3-(aminocarbonyl)-4-ethoxyphenyl]amino]- (9CI) (CA INDEX NAME)



L9 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1977:165246 CAPLUS
DOCUMENT NUMBER: 86:165246
TITLE: Some pharmacological effects of N-phenylanthranilic acid derivatives
AUTHOR(S): Danilenko, V. S.; Litvinov, V. B.; Mombuzhai, M. M.
CORPORATE SOURCE: Kiev. Nauchno-Issled. Inst. Farmakol. Toksikol., Kiev, USSR
SOURCE: Fiziologicheski Aktivnye Veshchestva (1976), 8, 83-5
CODEN: FAVUAI; ISSN: 0533-1153
DOCUMENT TYPE: Journal
LANGUAGE: Russian
GI

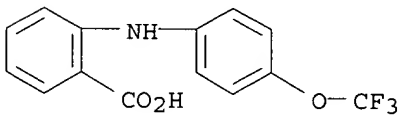


I

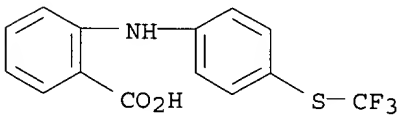
AB Of the 8 N-phenylanthranilic acid derivs. tested, diethylaminoethyl p-difluoromethylthio-N-phenylanthranilate-HCl (I) [62498-76-4] had by far the greatest anticholinesterase activity, in that at 10-5M it inhibited by 84.3% horse serum cholinesterase [9001-08-5]in vitro. At 25-36 mg/kg i.p. I increased by 2-3 times hexenal sleep and by 1.2-1.4 times the duration of arecoline tremors in mice. At 25 mg/kg it inhibited a conditioned defensive reflex in rats, but this was probably a nonspecific effect of the compd. and not related to its anticholinesterase activity.

IT **51679-41-5 51679-42-6**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)
(pharmacol. of)

RN 51679-41-5 CAPLUS
CN Benzoic acid, 2-[[4-(trifluoromethoxy)phenyl]amino]- (9CI) (CA INDEX NAME)



RN 51679-42-6 CAPLUS
CN Benzoic acid, 2-[[4-[(trifluoromethyl)thio]phenyl]amino]- (9CI) (CA INDEX NAME)



L9 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2003 ACS

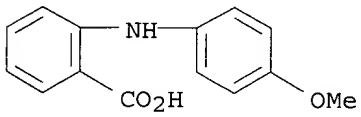
ACCESSION NUMBER:	1973:438532 CAPLUS
DOCUMENT NUMBER:	79:38532
TITLE:	Pharmacological properties of some N-phenylanthranilic acid derivatives
AUTHOR(S):	Trinus, F. P.; Mokhort, N. A.; Endel'man, E. S.; Fadeicheva, A. G.; Fialkov, Yu. A.; Yufa, P. A.; Yagupol'skii, L. M.
CORPORATE SOURCE:	Kiev. Nauchno-Issled. Inst. Farmakol. Toksikol., Kiev, USSR
SOURCE:	Fiziologicheski Aktivnye Veshchestva (1966-1992) (1972), No. 4, 46-8 CODEN: FAVUAI; ISSN: 0533-1153
DOCUMENT TYPE:	Journal
LANGUAGE:	Russian

Golam Shameem

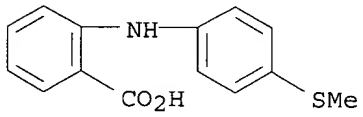
AB N-phenylanthranilic acid [91-40-7] showed weak, while N-(2,3-dimethylphenyl)anthranilic acid [61-68-7] showed significant antiinflammatory, analgesic, and hypothermic effects when tested on mice and rats at doses corresponding to 1/10 LD50 values.

IT **13501-67-2 35958-19-1**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)
(pharmacol. of)

RN 13501-67-2 CAPLUS
CN Benzoic acid, 2-[(4-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)



RN 35958-19-1 CAPLUS
CN Benzoic acid, 2-[[4-(methylthio)phenyl]amino]- (9CI) (CA INDEX NAME)



L9 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1970:41265 CAPLUS
DOCUMENT NUMBER: 72:41265
TITLE: Antiinflammatory activities of related compounds to anthranilic acid. I. On N-phenylanthranilic acid derivatives
AUTHOR(S): Sota, Kaoru; Noda, Katsumi; Maruyama, Hotaka; Fujihira, Eiichi; Nakazawa, Masao
CORPORATE SOURCE: Res. Lab., Taisho Pharm. Co., Ltd., Tokyo, Japan
SOURCE: Yakugaku Zasshi (1969), 89(10), 1392-400
CODEN: YKKZAJ; ISSN: 0031-6903
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Twenty-nine N-phenylanthranilic acid derivs. were synthesized and their oral effectiveness on carrageenan edema and cotton pellet granuloma in rats, or uv-induced erythema in guinea pigs was tested. I.V. acute toxicity of these compds. was also examd. in mice. The antiedema activity of N-phenylanthranilic acid (I) was estd. to be almost equal to that of salicylic acid. N-(.alpha.-Naphthyl)anthranilic acid was more potent but showed higher acute toxicity than did I or phenylbutazone. Methyl or Cl substitution of I enhanced both antiinflammatory and toxic activities of the compds., while carboxyl, amino or hydroxy group substitution, considerably reduced these biol. properties. Of the compds. tested, flufenamic acid was the most active in all the 3 antiinflammatory assays. The derivs. related to flufenamic acid were also active agents. However, no enhancement of toxicity was noted by trifluoromethyl substitution in I and no significant redn. of biol. activities was obsd. by introduction of another carboxyl group into the fulfenamic acid mol.,

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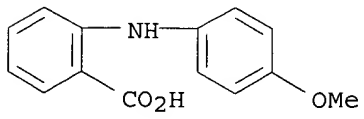
study, unclassified); **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)
(antiinflammatory activity of)
RN 13501-67-2 CAPLUS
CN Benzoic acid, 2-[(4-methoxyphenyl)amino]- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	49.17	349.43

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-6.51	-6.51

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